



# राज्य स्वास्थ्य समिति, बिहार



## CORRIGENDUM

1. This is with reference to the Notice Inviting Tender (NIT) Reference No.: - 15/SHSB/ PPP(Interventional Cardiology Services with Cardiac Catheterization Lab (CATH Lab)/2019-20 for selection of agency for setting up & operationalizing advanced Interventional Cardiology Services with Cardiac Catheterization Lab (CATH Lab) facility through Public Private Partnership (PPP) mode in selected Government Healthcare facilities/Medical Colleges and Hospitals (MC&Hs) in the state of Bihar, published in leading newspapers bearing PR.011325 (Ni.Ni.) 2019-20 and uploaded on the website "http://www.eproc.bihar.gov.in/BELTRON" and "statehealthsocietybihar.org", the Pre-Bid meeting was held on 09/12/2019 at 11.00 AM in the Conference Hall of the 'State Health Society, Bihar (SHSB), Pariwar Kalyan Bhawan, Sheikhpura, Patna'.
2. In response to queries raised during pre-bid meeting/ submitted online, the technical committee after due consideration decides to the following amendments/clarifications in the NIT:

Sl. No	NIT Reference	As published in NIT	Amendments Recommended by Technical Committee
i.	Page No.5 Clause 11, Section-I: Notice Inviting Tenders	"The tender shall be accompanied by Earnest Money Deposit (EMD) of Rs. 20,00,000/- (Twenty Lakhs rupees only) per Group in the shape of Demand Draft from any Schedule Bank in favour of State Health Society, Bihar payable at Patna. All Tenders must be accompanied by EMD as mentioned above. No bidder is exempted from submitting of EMD as mentioned in the tender document. Tenders without EMD shall be summarily rejected. Also, in case the bidder has applied for multiple Groups, the bidder shall be required to submit EMD as applicable for the Groups e.g., if the bidder has applied for two Groups, then it will be Rs.40,00,000/- for three Groups, will be Rs.60,00,000/- and so on. The bidder has to explicitly mention the name of the Groups for which it is applied, in the forwarding letter of EMD to the Executive Director, SHSB."	<b>Amendment: -</b> "The tender shall be accompanied by Earnest Money Deposit (EMD) of Rs. 20,00,000/- (Twenty Lakhs rupees only) per Group in the shape of Demand Draft or Bank Guarantee from any Schedule Bank in favour of State Health Society, Bihar payable at Patna. All Tenders must be accompanied by EMD as mentioned above. No bidder is exempted from submitting of EMD as mentioned in the tender document. Tenders without EMD shall be summarily rejected. Also, in case the bidder has applied for multiple Groups, the bidder shall be required to submit EMD as applicable for the Groups e.g., if the bidder has applied for two Groups, then it will be Rs.40,00,000/- for three Groups, will be Rs.60,00,000/- and so on. The bidder has to explicitly mention the name of the Groups for which it is applied, in the forwarding letter of EMD to the Executive Director, SHSB."
ii.	Page No.9 Clause 8. a), Section-II: Instructions to Bidders	"The tender shall be accompanied by Earnest Money Deposit (EMD) of Rs. 20,00,000/- (Twenty Lakhs rupees only) per Group in the shape of Demand Draft from any Schedule Bank in favour of State Health Society, Bihar payable at Patna. All Tenders must be accompanied by EMD as mentioned above. No bidder is exempted from submitting of EMD as mentioned in the tender document. Tenders without EMD shall be summarily rejected. Also, in case the bidder has applied for multiple Groups, the	<b>Amendment: -</b> "The tender shall be accompanied by Earnest Money Deposit (EMD) of Rs. 20,00,000/- (Twenty Lakhs rupees only) per Group in the shape of Demand Draft or Bank Guarantee from any Schedule Bank in favour of State Health Society, Bihar payable at Patna. All Tenders must be accompanied by EMD as mentioned above. No bidder is exempted from submitting of EMD as mentioned in the tender document. Tenders without EMD shall be summarily

*Signature*



Sl. No	NIT Reference	As published in NIT	Amendments Recommended by Technical Committee
		bidder shall be required to submit EMD as applicable for the Groups e.g., if the bidder has applied for two Groups, then it will be Rs.40,00,000/-, for three Groups, will be Rs.60,00,000/-, and so on. The bidder has to explicitly mention the name of the Groups for which it is applied, in the forwarding letter of EMD to the Executive Director, SHSB. It has to be submitted in offline (Physical form) only, as per the terms and conditions mentioned in this document. EMD should not have been issued on a date later than the last date for submission of online bidding document."	rejected. Also, in case the bidder has applied for multiple Groups, the bidder shall be required to submit EMD as applicable for the Groups e.g., if the bidder has applied for two Groups, then it will be Rs.40,00,000/-, for three Groups, will be Rs.60,00,000/-, and so on. The bidder has to explicitly mention the name of the Groups for which it is applied, in the forwarding letter of EMD to the Executive Director, SHSB. It has to be submitted in offline (Physical form) only, as per the terms and conditions mentioned in this document. EMD should not have been issued on a date later than the last date for submission of online bidding document."
iii.	Page No.18 Clause 8, Section-IV: Scope of the Work	"A dedicated team lead by a Sr. Resident from the service provider shall be responsible for conducting cardiac OPDs at the network District Hospitals for screening of patients in OPD on biweekly/ weekly/ fortnightly basis (as decided mutually between SHSB and the agency)."	<b>Amendment: -</b> "A dedicated team lead by a Sr. Resident from the service provider shall be responsible for conducting cardiac OPDs at the network District Hospitals for screening of patients in OPD on biweekly/ weekly/ fortnightly basis (as decided mutually between SHSB and the agency). Space for Cardiology OPD & Diagnostics may be provided in the OPD area of the concerned Government Healthcare facility/ Medical College & Hospital"
iv.	Page No.18 Clause 9, Section-IV: Scope of the Work	"The service provider shall also establish a Tele ECG facility at DHs to be managed and reported by the service provider from respective Government Healthcare facility/ Medical College and Hospital (MC&H) acting as hubs; however, the ECG shall have to be performed by the DHs staff only."	<b>Amendment: -</b> "The service provider shall also establish a Tele ECG facility at DHs to be managed and reported by the service provider from respective Government Healthcare facility/ Medical College and Hospital (MC&H) acting as hubs, and upon transmission of ECG from the concerned District Hospital (spoke), the service provider shall revert back the report within 10 minutes; however, the ECG shall have to be performed by the DHs staff only."
v.	Page No.19 Clause 17, Section-IV: Scope of the Work	"The doctor of the advanced Interventional Cardiology Services with Cardiac Catheterization Lab (CATH Lab) facility provided by the service provider shall facilitate in issuing the death certificate in case of death of any patient, if the death is within the facility and also responsible for any legal issues arising out of treatment of patient within the facility."	<b>Amendment: -</b> "The doctor of the advanced Interventional Cardiology Services with Cardiac Catheterization Lab (CATH Lab) facility provided by the service provider shall facilitate in issuing the death certificate for registration of death by competent authority in case of death of any patient, if the death is within the facility and also responsible for any legal issues arising out of treatment of patient within the facility."





Sl. No	NIT Reference	As published in NIT	Amendments Recommended by Technical Committee								
vi.	Page No.24 Clause 3.2, Section-V:Eligibility Criteria	<p>"The bidder (<u><i>in case of sole bidder</i></u>) must have minimum annual average turnover of <b>Rs. 25.00 Crores</b> during financial years FY 2015-16, FY 2016-17 &amp; FY 2017-18, as evidenced by the audited accounts of the bidder, for applying for one Government Healthcare facility/Medical College &amp; Hospital (MC&amp;H). However, in case of a consortium, the bidder must have <u><b>cumulative</b></u> minimum annual average turnover of <b>Rs. 25.00 Crores</b> during financial years FY 2015-16, FY 2016-17 &amp; FY 2017-18, as evidenced by the audited accounts of each partner."</p>	<p><b>Amendment: -</b> "The bidder (<u><i>in case of sole bidder</i></u>) must have minimum annual average turnover of <b>Rs. 25.00 Crores</b> during financial years FY 2015-16, FY 2016-17 &amp; FY 2017-18, as evidenced by the audited accounts of the bidder, for applying for one Government Healthcare facility/ Medical College &amp; Hospital (MC&amp;H). However, in case of a consortium, the bidder must have <u><b>cumulative</b></u> minimum annual average turnover of <b>Rs. 25.00 Crores</b> during financial years FY 2015-16, FY 2016-17 &amp; FY 2017-18, as evidenced by the audited accounts of each partner. If a particular bidder (sole bidder or consortium) intends to bid for more than one group, the minimum annual average turnover during financial years FY 2015-16, FY 2016-17 &amp; FY 2017-18 should be as followed in case of sole bidder, and cumulative of all the partners in case of consortium:</p> <table><tr><th>No. of Medical College</th><th>Turnover Criteria</th></tr><tr><td>1 Medical College</td><td>25 Crores</td></tr><tr><td>2 - 3 Medical College</td><td>50 Crores</td></tr><tr><td>4- 7 Medical College</td><td>100 Crores</td></tr></table>	No. of Medical College	Turnover Criteria	1 Medical College	25 Crores	2 - 3 Medical College	50 Crores	4- 7 Medical College	100 Crores
No. of Medical College	Turnover Criteria										
1 Medical College	25 Crores										
2 - 3 Medical College	50 Crores										
4- 7 Medical College	100 Crores										
vii.	Page No.24 Clause 3.4, Section-V: Eligibility Criteria	<p>"The bidder (<u><i>sole bidder or for consortium shall mean the lead partner</i></u>) should have the experience of Operating &amp; managing advanced Interventional Cardiology Services with Cardiac Catheterization Lab (CATH Lab) facility and at least 30 (ICU and CCU combined) beds with more than 4 cardiologists in a 200 bedded Hospital in the public or private sector and that the facilities, which should have been in operation for at least 3 years, as on 31<sup>st</sup> March 2019 and that at least one of the Hospitals/ Cardiac Catheterization Lab (CATH Lab) facility, should be having NABH accreditation for the last 1 year. Or The bidder (<u><i>sole bidder or for consortium shall mean the lead partner</i></u>) Should have experience of running or responsible for Operations and Management (O&amp;M) at least two cardiac hospitals with at least 50 beds each with facilities of Interventional cardiology, two Cardiac CATH Labs and at least 30 ICU/CCU beds</p>	<p><b>Amendment: -</b> "The bidder (<u><i>sole bidder or for consortium shall mean the lead partner</i></u>) should have the experience of Operating &amp; managing advanced Interventional Cardiology Services with Cardiac Catheterization Lab (CATH Lab) facility and at least 30 (ICU and CCU combined) beds with more than 3 cardiologists in a 200 bedded Hospital in the public or private sector and that the facilities, which should have been in operation for at least 3 years, as on 31<sup>st</sup> March 2019 and that at least one of the Hospitals/ Cardiac Catheterization Lab (CATH Lab) facility, should be having NABH accreditation for the last 1 year. Or The bidder (<u><i>sole bidder or for consortium shall mean the lead partner</i></u>) Should have experience of running or responsible for Operations and Management (O&amp;M) at least two cardiac hospitals with at least 50 beds each with facilities of Interventional</p>								



Sl. No	NIT Reference	As published in NIT	Amendments Recommended by Technical Committee
		<p>in the last three years, as on 31<sup>st</sup> March 2019 and that at least one of the Hospitals/ Cardiac Catheterization Lab (CATH Lab) facility, should be having NABH accreditation for the last 1 year.</p> <p><i>(The assignment of public or private sector should be specifically brought out. (The decision of the SHSB as to whether the assignment is similar or not and whether the bidders possess adequate experience or not, shall be final and binding on the bidders.))"</i></p>	<p>cardiology, two Cardiac CATH Labs and at least 30 ICU/CCU beds in the last three years, as on 31<sup>st</sup> March 2019 and that at least one of the Hospitals/ Cardiac Catheterization Lab (CATH Lab) facility, should be having NABH accreditation for the last 1 year.</p> <p><i>(The assignment of public or private sector should be specifically brought out. (The decision of the SHSB as to whether the assignment is similar or not and whether the bidders possess adequate experience or not, shall be final and binding on the bidders.))"</i></p>
viii.	Page no.30 Clause 5.1, Section-VI: Terms & Conditions	"The Project will be awarded for a <b>period of 10 years</b> from the date of agreement and may be extended for one or more years based on the requirements, and satisfactory performance of work done by the agency and any other conditions mutually agreed by the service provider and SHSB. Any extension shall not be the right of the agency."	<p><b>Amendment: -</b></p> <p>"The Project will be awarded for a period of 10 years from the date of agreement and may be extended further period of maximum 5 years based on the requirements, and satisfactory performance of work done by the agency and any other conditions mutually agreed by the service provider and SHSB. Any extension shall not be the right of the agency. "</p>
ix.	Page no.31 Clause 8.2, Section-VI: Terms & Conditions	"Besides other consequential action, the penalties would be imposed for each occurrence as per details mentioned in the sub-identified Key Performance Indicators (KPIs) listed in " <b>Appendix – M</b> ". However, maximum penalty would be limited to 10% of total payments due for the month against the invoice raised. In case of deduction of maximum penalty (10% of invoice) for consecutive 3 months, the agency shall be considered for termination. In case of exceptional circumstances, the penalty may be deducted from the performance security."	<p><b>Amendment: -</b></p> <p>"Besides other consequential action, the penalties would be imposed for each occurrence as per details mentioned in the sub-identified Key Performance Indicators (KPIs) listed in "<b>Appendix – M</b>"."</p>
x.	Page no.32 Clause 10.1, Section-VI: Terms & Conditions	"The service provider shall commission and start the services within the concerned Government Healthcare facility/Medical College and Hospital (MC&H) within 90 days from the date of handover of space in the facility to the service provider by the DHS/SHSB, otherwise a penalty of Rupees 10,000/- per day may be imposed, where the services has not been started without any genuine reason, if acceptable by the concerned authority. The Penalty so imposed may be deducted from the Performance Security/Bank Guarantee submitted by the Service Provider or as decided by the SHSB."	<p><b>Amendment: -</b></p> <p>"The service provider shall commission and start the services within the concerned Government Healthcare facility/Medical College and Hospital (MC&amp;H) within 120 days from the date of handover of space in the facility to the service provider by the DHS/SHSB, otherwise a penalty of Rupees 10,000/- per day may be imposed, where the services has not been started without any genuine reason, if acceptable by the concerned authority. The Penalty so imposed may be deducted from the Performance Security/Bank Guarantee submitted by Service Provider or as decided by SHSB."</p>



Sl. No	NIT Reference	As published in NIT	Amendments Recommended by Technical Committee
xi.	Page no.35 Clause 20, Section-VI: Terms & Conditions	<p><b>Resolution of disputes</b></p> <p>20.1 Any dispute or difference or claim arising out of or in relation to this Agreement, will be settled by reaching a mutual understanding between the parties.</p> <p>20.2 The lead partner in case of consortium, shall be legally responsible and shall represent all consortium partner(s), in all legal matters, in relation to the tender for the conduct of the services.</p> <p>20.3 If any further dispute arises between the parties thereupon, the same will be settled as per the existing law of land through the competent court of law under the territorial jurisdiction of concerned district where the Interventional Cardiology Services with Cardiac Catheterization Lab (CATH Lab) facility in the Government Healthcare facilities/ Medical Colleges and Hospitals (MC&amp;H) has been established.</p>	<p><b>Amendment: -</b></p> <p><b>"Resolution of disputes</b></p> <p>20.1 Any dispute or difference or claim arising out of or in relation to this Agreement, will be settled by reaching a mutual understanding between the parties.</p> <p>20.2 The lead partner in case of consortium, shall be legally responsible and shall represent all consortium partner(s), in all legal matters, in relation to the tender for the conduct of the services.</p> <p>20.3 If any further dispute arises between the parties thereupon, the same will be settled as per the existing law of land through the competent court of law under the territorial jurisdiction of concerned district where the Interventional Cardiology Services with Cardiac Catheterization Lab (CATH Lab) facility in the Government Healthcare facilities/ Medical Colleges and Hospitals (MC&amp;H) has been established.</p> <p>20.4 Any dispute or difference or claim arising out of or in relation to this contract agreement, including the validity, performance or breach thereof, which firstly the parties hereto cannot themselves settle by reaching a mutual understanding, shall be referred to the Arbitrator who shall be mutually decided by both the parties in accordance with the Arbitration and Conciliation Act, 1996 and amendments thereof. The award of the Arbitrator shall be final and binding on both the parties. All Arbitration proceedings shall be held at Patna, Bihar."</p>
xii.	Page no.57 Clause 1, Sl.No.1, Section-VII: Appendix	<p><b>Senior Consultant:</b></p> <p><b>Quantity- 1</b></p> <p><b>Minimum Qualification- DM</b></p> <p><b>Preferable experience-7-10 years in invasive cardiology in Tertiary Care Hospital (1 person with Electrophysiological studies experience)</b></p>	<p><b>Amendment: -</b></p> <p><b>"Senior Consultant:</b></p> <p><b>Quantity- 1</b></p> <p><b>Minimum Qualification- DM with minimum 3 years' experience or DNB with minimum 5 years' experience; in invasive cardiology in Tertiary Care Hospital (1 person with Electro-physiological studies experience)"</b></p>



Sl. No	NIT Reference	As published in NIT	Amendments Recommended by Technical Committee
xiii.	Page no.57 Clause 1, Sl.No.2, Section-VII: Appendix	<b>Junior Consultant:</b> <b>Quantity-</b> 1 <b>Minimum Qualification-</b> DM/MD <b>Preferable experience-</b> Experience in cardiology	<b>Amendment: -</b> <b>"Junior Consultant:</b> <b>Quantity-</b> 1 <b>Minimum Qualification-</b> DM or DNB/MD with 3 years' experience in Cardiology or MBBS with minimum 5 years' experience in Cardiology
xiv.	Page no.57 Clause 1, Sl.No.3, Section-VII: Appendix	<b>Senior Residents:</b> <b>Quantity-</b> Minimum 3 (1 per shift) and 1 Extra (for screening at spokes) <b>Minimum Qualification-</b> MD <b>Preferable experience-</b> 1-2 years' experience in cardiology	<b>Amendment: -</b> <b>"Residents:</b> <b>Quantity-</b> Minimum 3 (1 per shift) and 1 Extra (for screening at spokes) <b>Minimum Qualification-</b> MD or MBBS with minimum 5 years' experience in Managing the ICU/CCU"
xv.	Page no.57 Clause 1, Sl.No.4, Section-VII: Appendix	<b>Technician CATH Lab:</b> <b>Quantity-</b> 4 <b>Minimum Qualification-</b> Qualified <b>Preferable experience-</b> 1-2 years' experience in their respective fields	<b>Amendment: -</b> <b>"Technician CATH Lab:</b> Should be available 24x7 <b>Minimum Qualification-</b> Technically Qualified for working in CATH Lab <b>Preferable experience-</b> Minimum 3 years' experience of working in CATH Lab"
xvi.	N.A	N.A	<b>Amendment: -</b> Page no. 22, Section-IV, Clause 54(Added New) "The Service Provider shall provide to the patients the hard copy of all the Reports, Films (for applicable investigations) along with CD/DVD for Cardiac procedure conducted, written reports and discharge summary."





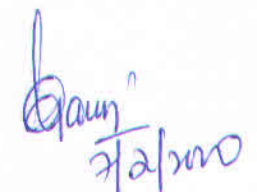
### 3. Technical Specification for Flat Panel Detector Single Plane Cardiac Catheterisation System

Sl. No	NIT Reference	As Published in NIT	Amendments Recommended by Technical Committee
i.	Page No.54, Sl.No.1, Point A (Gantry), Para 6	"The gantry should have fast speed for angulations at least 18-degrees/sec"	<b>Amendment: -</b> "The gantry should have fast speed for angulations at least 15-degrees/sec."
ii.	Page No.54, Sl. No.1, Point D (Tube), Para 2	"Small focal spot not more than 0.6mm with power of at least 30 KW"	<b>Amendment: -</b> "Small focal spot not more than 0.5mm with power of at least 30 KW"
iii.	Page No.54, Sl. No.1, Point D (Tube), Para 4	"Anode heat storage capacity 2.4 MHU or more, with advanced cooling mechanism."	<b>Amendment: -</b> "Anode heat storage capacity 3.0 MHU or more, with advanced cooling mechanism."
iv.	Page No.54, Sl. No.1, Point D (Tube)	N.A	<b>Amendment: -</b> Para 7 (Added new) "The system should have primary/secondary grid switch."
v.	Page No.55, Sl. No.1, Point H (Digital Imaging System), Para 5	"Disc storage capacity of at least 100000 uncompressed images of 1024 x 1024 matrix at a minimum of 10-bit/ pixel"	<b>Amendment: -</b> "Disc storage capacity of at least 100000 uncompressed images of 1024 x 1024 matrix at a minimum of 8-bit/ pixel"
vi.	Page No.55, Sl. No.1, Point H (Digital Imaging System), Para 7	"Rotational angiography facility at a speed of at least 45 degrees per second with acquisition frame rate of at least 25 frames per second in 1 k matrix with facility for display of subtracted and un subtracted images in the examination room."	<b>Amendment: -</b> This clause shall be treated as deleted from the tender document.
vii.	Page No.55, Sl. No.1, Point H (Digital Imaging System), Para 8	"The system should be capable of doing coronary angiography package along with the stent enhancement. Stent enhancement with lumen subtraction facility will be preferred."	<b>Amendment: -</b> "The system should be capable of doing coronary angiography package along with the stent enhancement. Stent enhancement with lumen subtraction facility should be available."
viii.	Page No.55, Sl. No.1, Point H (Digital Imaging System), Para 10	"Complete cardiovascular computation software package. This should include clinically validated coronary, ventricular quantification software packages (QCA, LVA)"	<b>Amendment: -</b> "Complete cardiovascular computation software package. This should include clinically validated coronary, ventricular quantification software packages"
ix.	Page No.55, Point H (Digital Imaging System), Para 12	"Should have dose measuring capacity."	<b>Amendment: -</b> "Latest software & hardware package for improvement of image quality and dose reduction should be provided."

4. Change in Schedule of Events: -

Sl. No.	NIT Reference	As Published in NIT	Previous Timeline	New Timeline
i.	Page No. 4 Clause 7.1, Section-I: Notice Inviting Tender	Last Date & time of downloading the RFP	Till 10/02/2020 (Monday) up to 05:00 PM, on the e-Procurement Portal ( <a href="https://www.eproc.bihar.gov.in">https://www.eproc.bihar.gov.in</a> / BELTRON)	Till 28/02/2020 (Friday) up to 05:00 PM, on the e-Procurement Portal ( <a href="https://www.eproc.bihar.gov.in">https://www.eproc.bihar.gov.in</a> / BELTRON)
ii.	Page No. 4 Clause 7.2, Section-I: Notice Inviting Tender	Last date & time for submission (upload) of online bidding document.	11/02/2020 (Tuesday) till 05:00 PM, on the e-Procurement Portal ( <a href="https://www.eproc.bihar.gov.in">https://www.eproc.bihar.gov.in</a> / BELTRON)	02/03/2020 (Monday) till 05:00 PM, on the e-Procurement Portal ( <a href="https://www.eproc.bihar.gov.in">https://www.eproc.bihar.gov.in</a> / BELTRON)
iii.	Page No. 4 Clause 7.3, Section-I: Notice Inviting Tender	Last date & time for submission of EMD in Hard (Physical) Copies (Offline Mode)	14/02/2020 (Friday) by 05:00 PM, To, "The Executive Director, State Health Society, Bihar, Pariwar Kalyan Bhawan, Sheikhpura, Patna-800014"	05/03/2020 (Thursday) by 05:00 PM, To, "The Executive Director, State Health Society, Bihar, Pariwar Kalyan Bhawan, Sheikhpura, Patna-800014"
iv.	Page No. 4 Clause 7.4, Section-I: Notice Inviting Tender	Time, Date of opening of Technical Bid	17/02/2020 (Monday) at 11:00 AM on the e-Procurement Portal ( <a href="https://www.eproc.bihar.gov.in">https://www.eproc.bihar.gov.in</a> / BELTRON)	06/03/2020 (Friday) at 11:00 AM on the e-Procurement Portal ( <a href="https://www.eproc.bihar.gov.in">https://www.eproc.bihar.gov.in</a> / BELTRON)
v.	Page No. 4 Clause 7.5, Section-I: Notice Inviting Tender	Time, Date of opening of Financial Bid	To be announced later on the e-Procurement Portal ( <a href="https://www.eproc.bihar.gov.in">https://www.eproc.bihar.gov.in</a> /BELTRON)	To be announced later on the e-Procurement Portal ( <a href="https://www.eproc.bihar.gov.in">https://www.eproc.bihar.gov.in</a> /BELTRON)

5. All changes/ modifications in NIT as above are binding to all bidders.
6. Other terms and conditions of the NIT shall remain the same.



**Executive Director,**  
State Health Society Bihar